2016 Structure Summary Report

Overall Unit and Item Ratings

Merced Streams Group

Black Rascal Creek Drop Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

2016 Structure Summary Report

Overall Unit and Item Ratings

Merced Streams Group (cont.)

Owens Creek Siphon Structure

		1
verall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	U
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	А
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	U
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α

Operation & Maintenance Manual

Unit Cover Sheet

2016 Structure Inspection Results

Merced Streams Group

Structure	
Black Rascal Creek Drop Structure	

Structure Rating	Α
Date of Inspection	8/3/2016
DWR Inspector	Herman Phillips
Accompanied By	

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

Item	LM Start	rt 0.00	Rating **	N	Issue No.		1
Category Channels Start End Item Photo Documentation 37.314667° 37.3146 -120.396101 -120.3961 -120.3961	LM End	d 0.00	Issue Type +	Ma	Location *		
Item Photo Documentation Start End DWR ID DWR_NA0013_28_t _ 2016_1 37.314667 ° 37.3146 -120.396101 ° -120.3961	Category	n/	& Concrete I	Lined	GPS La	atituc	de/Longitude
tem	Calegory	Channels			Start		End
DWR ID DWR_NA0013_28_t _ 2016_1 -120.396101 -120.396101	ltem	Photo Dod	cumentation		37.3146	67°	37.314667 °
	пеш				-120.3961	01 °	-120.396101 °
Action/Comments	DWR ID	DWR_NA0	013_28_t _ 201	6_1			
			Action/	Comme	nts		

Photo 1 of 3 : ST_201	6_NA0013_28_1	_20160822	_00001.jpg
1			10 10 10 10 10 10 10 10 10 10 10 10 10 1
	Marie all and		1
	W. A		
A Company			
			40
DE PROPERTY OF THE PARTY OF THE			
	AB AND		
的"种"的	A STATE OF THE STA		

Looking at the Black Rascal Creek Drop Structure from the upstream side of structure. Unit 1 Right bank.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST_2016_NA0013_28_1_20160822_00002.jpg



Downstream side of Black Rascal Drop Structure from Unit 1. Photo 3 of 3: ST_2016_NA0013_28_1_20160822_00003.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LMEnd	0.00	Issue Type +	Ma	Location *	



This photo shows the safety fence around the structure Unit 1 and Unit 2.

Page 1 of 9

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.		2
LM End	0.00	Issue Type +	Ма	Location *		
Category		& Concrete I	_ined	GPS La	atitud	e/Longitude
Calegory	Channels			Start		End
Item	Vegetatio	n & Obstruction	ons	37.3146	67°	37.314667 °
item				-120.3961	01°	-120.396101 °
DWR ID	DWR_NA0	013_28_t _ 201	6_2			
		Action/	Comme	nts		

No Photos

Issue No. LM Start 0.00 Rating ** Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Shoaling / Sedimentation 37.314667° 37.314667° Item -120.396101° -120.396101 ° DWR ID DWR_NA0013_28_t _ 2016_3 Action/Comments

No Photos

Issue No. Rating ** LM Start 0.00 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Erosion / Bank Caving 37.314667° 37.314667 ° Item -120.396101° -120.396101° DWR_NA0013_28_t _ 2016_4 DWR ID Action/Comments

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Catagory	Structures & Concrete Lined			GPS Latitude/Longitude		
Category Channels			Start		End	
Item	Revetmer	nts		37.31466	67°	37.314667°
пеш)1 °	-120.396101 °
DWR ID	DWR_NA0	_NA0013_28_t _ 2016_5				
	Action/Comments					

Inspector Comments: Revetment on the downstream side is in place and appears to be maintained.

Rating ** Issue No. LM Start 0.00 Α Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 37.314667° 37.314667° Item -120.396101° -120.396101 ° DWR ID DWR_NA0013_28_t _ 2016_6

Action/Comments

Rating ** Issue No. LM Start 0.00 7 0.00 Issue Type + Ма Location * LM End GPS Latitude/Longitude Structures & Concrete Lined Category Channels End Start Culverts: Inlets / Outlets 37.314667° 37.314667 ° Item -120.396101° -120.396101 ° DWR_NA0013_28_t _ 2016_7 DWR ID Action/Comments

Inspector Comments: There are no Culverts at this location.

No Photos

No Photos

No Photos

* Location
LS: Land Side
WS: Water Side

A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category			Start		End		
Item	Culverts: Breaks / Holes /			37.3146	67°	37.314667	0
пеш	Cracks			-120.3961	01 °	-120.396101	0
DWR ID DWR_NA0013_28_t _ 2016_8							
Action/Comments							

Inspector Comments: The weir was notched out by the district to allow the water to flow downstream at lower water surface elevations.



This photo was used to show the downstream side of structure where the MID notched out a section in the concrete to allow water to flow through.

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS La	titud	le/Longitude	
			Start		End	
Item	Metal Pipes			37.31466	67°	37.314667°
пеш				-120.39610)1 °	-120.396101 °
DWR ID	DWR_NA0	013_28_t _ 201	6_9			
Action/Comments						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS La	titud	e/Longitude	
			Start		End	
Item	Trash Rad	cks		37.31466	67°	37.314667 °
item				-120.39610)1 °	-120.396101 °
DWR ID DWR_NA0013_28_t _ 2016_10					·	
Action/Comments						

No Photos

Location LS: Land Side WS: Water Side

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.		11
LM End	0.00	Issue Type +	Ма	Location *		
Category	& Concrete I	GPS La	titud	le/Longitude		
Calegory	Channels					End
Item	Flap Gates			37.3146	67°	37.314667 °
пеш			-120.3961)1°	-120.396101 °	
DWR ID	DWR_NA0	013_28_t _ 201	6_11			
		Action/	Comme	nts		

No Photos

LM Start	0.00	Rating **	N	Issue No.	12			
LM End	0.00	Issue Type +	Ma	Location *				
Category Structures & Concrete Lined Channels				GPS Latitude/Longitude				
				Start		End		
Item	Sluice/Slice	de Gates		37.3146	67°	37.314667	0	
пеш				-120.3961	01 °	-120.396101	0	
DWR ID	DWR_NA0							
Action/Comments								

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS La	atituc	le/Longitude	
			Start		End	
Item	Electric G	ate Operators	;	37.3146	67°	37.314667°
пеш				-120.3961	01 °	-120.396101 °
DWR ID	DWR_NA0013_28_t _ 2016_13					
Action/Comments						

No Photos

* Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	14		
LM End	0.00	Issue Type +	Ма	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End	
Item	Manual G	ate Operators	i	37.31466	7°	37.314667°	
пеш				-120.39610	1 °	-120.396101 °	
DWR ID	DWR_NA0	DWR_NA0013_28_t _ 2016_14					
	Action/Comments						

Inspector Comments: No manual gates at this location.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Concrete	Surfaces		37.31466	7°	37.314667 °
item	3111		-120.39610	11°	-120.396101 °	
DWR ID	DWR_NA0	013_28_t _ 201	6_15			·

Action/Comments

Inspector Comments: The concrete surface here is in good condition.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined GPS Latitud						de/Longitude	
					End		
Item	Concrete	Tilting / Settle	ment	37.3146	67°	37.314667	0
пеш				-120.39610)1 °	-120.396101	0
DWR ID DWR_NA0013_28_t _ 2016_16							
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	atitud	e/Longitude
Calegory	Channels			Start		End
Item	Concrete	Foundations		37.3146	67°	37.314667°
пеш	item				01 °	-120.396101 °
DWR ID	DWR_NA0	013_28_t _ 201	6_17			
		Action/	Comme	nts		

No Photos

LM Start	0.00	Rating **	N	Issue No.		18		
LM End	0.00	Issue Type +	Ma	Location *				
Category Changele				GPS Latitude/Longitude				
Channels			Start		End			
Item	Security F	encing		37.3146	67°	37.314667	0	
пеш				-120.3961)1 °	-120.396101	0	
DWR ID DWR_NA0013_28_t _ 2016_18								
Action/Comments								

No Photos

LM Start	0.00 Rating ** N Issue No.		19				
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined					le/Longitude	
Calegory	Channels					End	
Item	Closure S	tructures		37.3146	67°	37.314667°	
пеш				-120.3961	01 °	-120.396101 °	
DWR ID DWR_NA0013_28_t _ 2016_19							
Action/Comments							

No Photos

* Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.		20
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS La	atitud	e/Longitude
Category	Channels			Start		End
Item	Trash Ral	(es		37.3146	67°	37.314667 °
item	-120.396101 ° -120.396101					-120.396101 °
DWR ID DWR_NA0013_28_t _ 2016_20						
		Action/	Comme	nts		

No Photos

Rating ** Issue No. LM Start 0.00 Ν 21 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Other Metallic Items 37.314667° 37.314667° Item -120.396101° -120.396101 ° DWR ID DWR_NA0013_28_t _ 2016_21 Action/Comments

No Photos

Issue No. Rating ** LM Start 0.00 22 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Monolith Joints 37.314667° 37.314667 ° Item -120.396101° -120.396101° DWR_NA0013_28_t _ 2016_22 DWR ID Action/Comments

No Photos

* Location LS : Land Side WS : Water Side CR : Crown

* Rating
A: Acceptable
M: Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	0.00 Rating ** A				23
LM End	0.00 Issue Type + Ma Location *					
Structures & Concrete Lined				GPS La	titud	le/Longitude
Channels				Start		End
Item	Safety			37.3146	67°	37.314667°
item				-120.3961	01 °	-120.396101 °
DWR ID DWR_NA0013_28_t _ 2016_23						
Action/Comments						

Inspector Comments: There are no safety hazards at this location that caused a problem or that poses an immidiate threat.

LM Start	0.00	Rating **	Α	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Safety fencing along top of structure.

Photo 2 of 2: ST_2016_NA0013_28_23_20160901_00008.jpg



Safety fencing along top of structure.

LM Start	0.00	0.00 Rating ** A		Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *			
Category	s & Concrete I	Lined	GPS La	atitud	e/Longitude		
Calegory	Channels				Start		
Item		& Maintenan	се	37.3146	67°	37.314667	c
пеш	Manual			-120.3961	01 °	-120.396101	c
DWR ID	DWR ID DWR_NA0013_28_t _ 2016_24						
Action/Comments							

Inspector Comments: O+M manual maintained at LMA office.

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Unit Cover Sheet

2016 Structure Inspection Results

Merced Streams Group

Stı	ucture
Owens Creek	Siphon Structure

Structure Rating	M
Date of Inspection	8/3/2016
DWR Inspector	Herman Phillips
Accompanied By	

NA0013

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Category		& Concrete I	_ined	GPS La	atitud	de/Longitude	
Category	Channels			Start		End	
Item	Photo Do	cumentation			0		0
пеш					0		0
DWR ID	DWR_NA0	013_51_t _ 201	6_1				
		Action/	Comme	nts			

Photo 1 of 4 : ST_2016_NA0013_51_1_20160830_00001.jpg	
The state of the s	
THE REPORT OF THE PARTY OF THE	

Looking at the Owens Siphon Structure from up stream. 37.262901,-120.288081

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Looking at the Owens Siphon structure. The vegetation has blocked two of the inlets. 37.262901,-120.288081

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



Owens Creek Siphon Structure Outlet. 37.262317,-120.288333

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

& Maintain En. Enlorce

NA0013

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.		1 (cont)	
LM End	0.00	Issue Type +	Ма	Location *			
Category		& Concrete	Lined	GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End	
ltom	Photo Documentation				0		c
Item					0		0
DWR ID	DWR_NA0	013_51_t _ 201	6_1				
		Action/	Comme	nts			

Photo 4 of 4: ST_2016_NA0013_51_1_20160831_00009.jpg



Top of Owens Creek Siphon Structure Inlet. 37.262901,-120.288081

LM Start	0.00	Rating **	U	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Itom	Vegetation & Obstructions			37.2629	01°	37.262901 °
Item				-120.2880	81 °	-120.288081 °
DWR ID	DWR_NA0	013_51_t _ 201	6_2			
			_			

Action/Comments

Inspector Comments: Remove the unwanted vegetation from within the structure.



Owens Creek Siphon Structure from upstream Inlet .

LM Start	0.00	Rating **	М	Issue No.	3	
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Shoaling /	Sedimentation	Sedimentation		01 °	37.262901°
пеш				-120.2880	81 °	-120.288081 °
DWR ID	DWR_NA0013_51_t _ 2016_3					
Action/Comments						

Inspector Comments: Non-aquatic grasses present on shoal.

No Photos

A : Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Erosion / Bank Caving			37.26290)1 °	37.262901	0
item				-120.28808	31 °	-120.288081	0
DWR ID	DWR_NA0	013_51_t _ 201	6_4				
			_				

Action/Comments

Inspector Comments: There was no erosion noted during inspecting of the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Revetmer	nts		37.2629	01°	37.262901	0
item				-120.8808	10°	-120.288081	0
DWR ID	DWR_NA0	013_51_t _ 201	6_5				

Action/Comments

Inspector Comments: The revetment is secure on the Outlet end of the structure.



Owens Creek Siphon Structure Outlet.

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End		
Item	Encroach	ments		37.262901 °		37.262901 °	
пеш				-120.288081 '		° -120.288081 °	
DWR ID	DWR_NA0	013_51_t _ 201	6_6				
	Action/Comments						

Inspector Comments: No trash or debris was observed.

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

NA0013

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined		GPS Latitude/Longitude			
Category	Channels		Start		End	
Item	Culverts:	Inlets / Outlets	3	37.26290°	1°	37.262901 °
пеш				-120.28808°	۱°	-120.288081 °
DWR ID	DWR_NA0	013_51_t _ 201	6_7			
		Action/	Commo	nte		

Action/Comment

Inspector Comments: Remove the wild growth from in front of the Inlets before flood season.

Photo 1 of 2:	ST_2016_NA0013_51_7_	_20160830_00004.jp
un water a state of	A A A A A A A A A A A A A A A A A A A	
	This is the second second second second second	
	άW.δ.	e V s Lao des actividades
SEE TO SEE		
		and Market
· No.	。 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
11		
		- In the last to be

The Inlets can not be seen completely due to tall weeds and brush growing in channel.

LM Start	0.00	Rating **	U	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ма	Location *	

Photo 2 of 2: ST_2016_NA0013_51_7_20160831_00008.jpg



The Outlet of Owens Creek Siphon Structure.

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined		GPS Latitude/Longitude				
Category	Channels	nannels		Start		End	
Itom		Breaks / Hole	s/	37.26290)1 °	37.262901	0
Item Cracks				-120.28808	31 °	-120.288081	0
DWR ID	DWR_NA0	013_51_t _ 201	6_8				

Action/Comments

Inspector Comments: There are no breaks, holes, cracks in the culvert.

No Photos

* Location LS : Land Side WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

ated

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni	Structures & Concrete Lined		GPS Latitude/Longitude			
Calegory	Channels		Start		End	
Itom	Metal Pipe	es		37.26290	1°	37.262901 °
Item '				-120.288081		-120.288081 °
DWR ID	DWR_NA0	013_51_t _ 2010	6_9			
		A .: /	_			

Action/Comments

Inspector Comments: There are no pipes at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Ν 10 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 37.262901° 37.262901° Item -120.288081° -120.288081 ° DWR NA0013 51 t 2016 10 DWR ID

Action/Comments

Inspector Comments: There are no trash racks at this location.

No Photos

Issue No. Rating ** LM Start 0.00 11 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 37.262901° 37.262901 ° Item -120.288081 ° -120.288081 ° DWR_NA0013_51_t _ 2016_11 DWR ID Action/Comments

Inspector Comments: There are no flap gates on this structure.

No Photos

* Location LS : Land Side WS : Water Side

A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Sluice/Sli	de Gates		37.26290	1°	37.262901	0
пеш				-120.28808	1 °	-120.288081	0
DWR ID	DWR_NA0	013_51_t _ 2010	6_12				
	Action/Commants						

Action/Comments Inspector Comments: There are no sluice / slide gates on this structure.

Issue No. LM Start 0.00 Rating ** Ν 13 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Electric Gate Operators 37.262901° 37.262901° Item -120.288081° -120.288081 ° DWR NA0013 51 t 2016 13 DWR ID

Action/Comments

Inspector Comments: No electric gate operators exist.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 14 0.00 Issue Type + Location * LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 37.262901° 37.262901 ° Item -120.288081 ° -120.288081 ° DWR ID DWR_NA0013_51_t _ 2016_14 Action/Comments

Inspector Comments: There are no sluice/slide gates on this structure.

No Photos

Location LS: Land Side WS: Water Side

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ma	Location *			
Category Cha	Structures & Concrete Lined Channels			GPS La	atitud	le/Longitude	
				Start		End	
Item	Concrete Surfaces			37.2629	01°	37.262901 °	
item			-120.288081 °		° -120.288081 °		
DWR ID	DWR_NA0	013_51_t _ 201	6_15				
		Action/	Comme	nts			

No Photos

LM Start	0.00	Rating **	Α	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Concrete Tilting / Settlement		37.26290)1 °	37.262901 °			
пеш				-120.88081	0°	-120.288081 °	
DWR ID	DWR_NA0013_51_t _ 2016_16						
Action/Comments							

No Photos

Inspector Comments: There are no significant areas of tilting, sliding at this location.

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Concrete Foundations		37.26290)1 °	37.262901 °		
пеш				-120.2880	31 °	-120.288081 °	
DWR ID	DWR_NA0						
Action/Comments							

No Photos

* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Catagory		& Concrete I	GPS Latitude/Longitude				
Category Channel			Start		End		
Item	Security Fencing				0		0
пеш	item				0		0
DWR ID	DWR_NA0	DWR_NA0013_51_t _ 2016_18					
		Action/	Comme	nts			
Inspector (Comments	: No safety / s	security f	encing or g	ates	exist or are	

Rating ** Issue No. LM Start 0.00 Ν 19 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures Item DWR ID DWR_NA0013_51_t _ 2016_19

Action/Comments

Inspector Comments: This structure does not have a closure structure.

No Photos

No Photos

Issue No. Rating ** LM Start 0.00 20 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Start Trash Rakes Item DWR_NA0013_51_t _ 2016_20 DWR ID Action/Comments

Inspector Comments: There are no trash rakes at the structure.

No Photos

Location LS: Land Side WS: Water Side

A: Acceptable

M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	21		
LM End	0.00	Issue Type +	Ma	Location *			
Catagory	Structures & Concrete Lined			GPS Latitude/Longit			
Calegory	Channels				Start		
Item	Other Metallic Items			0		0	
пеш					٥		0
DWR ID	DWR_NA0						
		Action/	Comme	nts			

Inspector Comments: There are no metallic parts at this structure.

No Photos

Rating ** Issue No. LM Start 0.00 Α 22 Issue Type + Ма Location * 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 37.262901° 37.262901° Item -120.288081 ° -120.288081 ° DWR ID DWR_NA0013_51_t _ 2016_22

Action/Comments

Inspector Comments: The monolith joint material is in good condition.

No Photos

Issue No. Rating ** LM Start 0.00 23 0.00 Issue Type + Ма Location * LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 37.262901° 37.262901 ° Item -120.288081 ° -120.288081 ° DWR ID DWR_NA0013_51_t _ 2016_23

Action/Comments

Inspector Comments: There are no safety issues here at this structure that would cause any problems.

No Photos

Location LS: Land Side WS: Water Side CR: Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Structure 2016

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/03/2016 08/03/2016	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS La	tituc	le/Longitude	
Category C				Start		End	
Operation & Maintenance			0		0		
Manual				0		0	
DWR ID	DWR_NA0	013_51_t _ 201	6_24				
		Action/	Comme	nts			
Inspector (Comments	: The district I	has the C	D&M manua	al.		

No Photos